

**TQT 006 Universal Quattro LNB, RAL 7035**
  
**304446**


TQT 006 Quattro Universal. Full KU-band coverage for both analogue and digital reception. Excellent noise figure and low phase noise. High gain and excellent cross-pole isolation. Qualified for harsh environments. Waterproof. High gain and excellent cross-pole isolation. Single packed in gift box.

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663044463

### CHARACTERISTICS

|                                          |                 |
|------------------------------------------|-----------------|
| Phase noise @ room temperature - 1 kHz   | - 50 dBc/Hz     |
| Phase noise @ room temperature - 10 kHz  | - 75 dBc/Hz     |
| Phase noise @ room temperature - 100 kHz | - 95 dBc/Hz     |
| Spurious level                           | - 60 (max.) dBm |
| Image rejection (min.)                   | 40 dB           |
| Feedhorn F/D @ 11.7                      | 0.615           |
| Frequency stability (-40 ~ +60 °C)       | ± 2.1:1 MHz     |
| Switching position                       | none            |

### FREQUENCY

|                            |                  |
|----------------------------|------------------|
| Output frequency high band | 1100 - 2150 GHz  |
| Output frequency low band  | 950 - 1950 GHz   |
| LO frequency high band     | 10,60 GHz        |
| LO frequency low band      | 9,75 GHz         |
| Input frequency high band  | 11.7 - 12.75 GHz |
| Input frequency low band   | 10.7 - 11.7 GHz  |

### GAIN

|                                            |                 |
|--------------------------------------------|-----------------|
| Gain flatness (across 26 MHz segm)         | ± 1.0 (typ.) dB |
| Gain variation (over operating band)       | 5 p-p (typ.)    |
| Conversion gain (max.)                     | 64 dB           |
| Conversion gain (min. at room temperature) | 50 dB           |
| Noise figure max.                          | 0.3 dB          |

### ISOLATION

|                              |            |
|------------------------------|------------|
| Cross polarization isolation | 25 typ. dB |
|------------------------------|------------|

### OPERATIONAL

|                               |                 |
|-------------------------------|-----------------|
| DC Operating voltage          | 10.5...21.0 VDC |
| DC Current consumption (typ.) | 190 mA          |
| Operating temperature range   | -40 ~ +60 °C    |

**CONNECTORS**

|                |          |
|----------------|----------|
| Connector Type | F-female |
|----------------|----------|

**MECHANICAL**

|                           |          |
|---------------------------|----------|
| Max. depth incl. feedhorn | 135 mm   |
| Colour                    | RAL 7035 |
| Diameter                  | Ø 40 mm  |
| Height (mm)               | 137 mm   |
| Depth (mm)                | 97 mm    |
| Width (mm)                | 59 mm    |
| Packing QTY               | 50       |
| Packaging Volume          | 0,008 m3 |
| Net Weight                | 0,208 kg |
| Tara Weight               | 0,042 kg |
| Total Weight              | 0,250 kg |
| Packaging Height          | 0,065 m  |
| Packaging Width           | 0,900 m  |
| Packaging Depth           | 0,145 m  |